

Complexation properties of N-thiophosphorylated thioureas with respect to doubly charged d-metal ions

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Abstract

The acid-base and coordination properties of N-thiophosphorylated thioureas with respect to Ni^{2+} , Co^{2+} , Cd^{2+} , Zn^{2+} , and Pd^{2+} ions were studied by UV spectrophotometry in 96% isopropanol. The stability constants pK and the maximum accumulated fractions of complex species in solution were calculated.
